

Title (en)

MOLECULAR DIAGNOSTIC TEST FOR CANCER

Title (de)

MOLEKULAR-DIAGNOSETEST FÜR KREBS

Title (fr)

TEST DE DIAGNOSTIC MOLÉCULAIRE POUR UN CANCER

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Application

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Priority

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Abstract (en)

[origin: WO2012167278A1] Methods and compositions are provided for the identification of a molecular diagnostic test for cancer. The test identifies cancer subtypes that are responsive to anti-angiogenesis therapeutics and enables classification of a patient within this subtype. The present invention can be used to determine whether patients with cancer are clinically responsive or non- responsive to a therapeutic regimen prior to administration of any anti-angiogenic agent. This test may be used in different cancer types and with different drugs that directly or indirectly affect angiogenesis or angiogenesis signalling. In addition, the present invention may be used as a prognostic indicator for certain cancer types. In particular, the present invention is directed to the use of certain combinations of predictive markers, wherein the expression of the predictive markers correlates with responsiveness or non-responsiveness to a therapeutic regimen.

IPC 8 full level

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Cited by

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WO 2012167278 A1 20121206; AU 2012261820 B2 20170119; BR 112013031019 A2 20170321; CA 2838086 A1 20121206;
CN 103733065 A 20140416; CN 103733065 B 20171215; EA 025926 B1 20170228; EA 201391805 A1 20140331; EA 201691257 A1 20170228;
EP 2715348 A1 20140409; EP 2715348 A4 20151007; EP 2715348 B1 20190410; IL 229681 A0 20140130; JP 2014516552 A 20140717;
JP 2017079772 A 20170518; JP 6067686 B2 20170125; KR 20140044341 A 20140414; MX 2013014065 A 20140623; NZ 618191 A 20150424;
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US 2012040805 W 20120604; AU 2012261820 A 20120604; BR 112013031019 A 20120604; CA 2838086 A 20120604;
CN 201280037298 A 20120604; EA 201391805 A 20120604; EA 201691257 A 20120604; EP 12793609 A 20120604; IL 22968113 A 20131128;
JP 2014513800 A 20120604; JP 2016248061 A 20161221; KR 20137034588 A 20120604; MX 2013014065 A 20120604;
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